

Converting Colors

CIELCh(70, 17.924, 156.064)

Have a look what the booklet for
CIELCh(70, 17.924, 156.064)
contains.

CIELCh(70, 17.905, 155.805)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 17.905, 155.805)

Conversions

Conversions Part 1

Format	Color
Hex	90B39D
RGB	144, 179, 157
RGB Percent	56%, 70%, 62%
CMY	0.4342, 0.2969, 0.3832
CMYK	0.20, 0.00, 0.12, 0.30
HSL	142°, 19%, 63%
HSV	142°, 20%, 70%
XYZ	33.8340, 40.7494, 38.1023
YIQ	166.0270, -13.7980, -14.2620

Conversions

Conversions Part 2

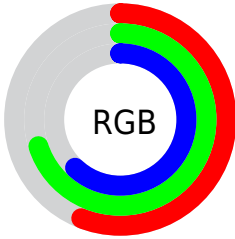
Format	Color
RYB	144, 170, 179
Decimal	9483165
CIELab	70.00, -16.33, 7.34
CIELCh	70, 17.905, 155.805
Yxy	40.7494, 0.3003, 0.3616
Android (android.graphics.Color)	4287673245 (0xFF90B39D)
YUV	166.0270, -4.4503, -19.3177
Hunter-Lab	63.8353, -17.1031, 9.2954

Details

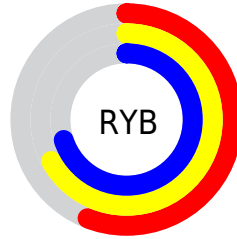
The CIELCh color $70, 17.905, 155.805$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $64, 18.129, 338.774$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $90, 17.889, 156.421$, and $50, 17.678, 156.252$ is the 20% darker color. If you saturate the color by 10%, you get $69, 27.018, 154.852$, and if you desaturate by 10%, it is $71, 8.718, 156.655$.

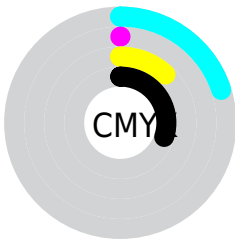
Distribution



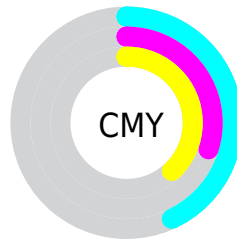
- Red (56%)
- Green (70%)
- Blue (62%)



- Red (56%)
- Yellow (67%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)





- Cyan (43%)
- Magenta (30%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.905, 155.805 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 70, 17.905, 155.805 by changing the saturation by 10% instead.


 70, 17.905,
155.805

 70, 17.905,
155.805


 100, 17.905,
155.805


 60, 17.905,
155.805


 90, 17.905,
155.805

 50, 17.905,
155.805

 40, 17.905,
155.805

 30, 17.905,
155.805

 20, 17.905,
155.805

 10, 17.905,
155.805

 0, 17.905, 155.805

70, 17.905,
155.805

70, 17.905,
155.805

69, 27.018,
154.852

71, 8.718, 156.655

68, 35.918,
153.770

73, 0.437, 336.591

75, 9.473, 337.977

67, 44.452,
152.532

77, 18.330,
338.585

66, 52.459,
151.118

79, 26.964,
339.126

65, 59.785,
149.512

81, 35.351,
339.616

65, 66.304,
147.711


82, 40.001,
334.329


64, 71.943,
145.733

82, 44.316,
329.013

64, 76.772,

143.693

 82, 47.410,
326.064

 64, 76.989,
143.603

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 17.905, 155.805



64, 18.129, 338.774

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 17.905, 155.805



70, 17.905, 205.805



70, 17.905, 335.805



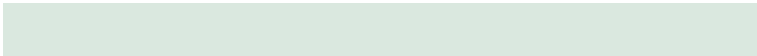
70, 17.905, 25.805

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70, 17.907, 155.804



91, 6.758, 156.940



71, 19.618, 123.276



49, 4.521, 156.886



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 17.907, 155.804



88, 26.003, 155.451



70, 12.877, 186.895



37, 5.163, 156.673



55, 68.053, 143.893



7, 13.279, 153.762

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64, 18.129, 338.774



78, 26.379, 339.094



63, 14.145, 10.290



35, 5.200, 337.959



33, 60.671, 350.033



2, 11.539, 342.678

Previews

White Background



This preview shows how the CIELCh color 70, 17.905, 155.805 looks on a white background.

Color Contrast Check

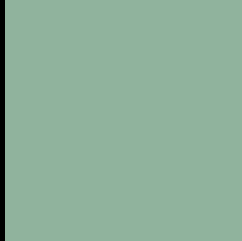
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 70, 17.905, 155.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

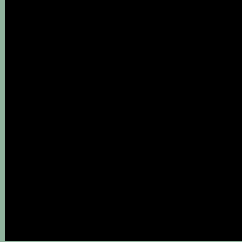
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 17.905, 155.805

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.905, 155.805.



This preview shows how white text looks on a background with the CIELCh color 70, 17.905, 155.805.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
70, 17.905, 155.805

Protanopia
70, 10.306, 91.320

Deuteranopia
70, 10.584, 35.086



Tritanopia
70, 11.432, 241.187

Trichromacy



Original Color
70, 17.905, 155.805

Protanomaly
70, 10.728, 123.797

Deuteranomaly
70, 6.190, 95.057

Tritanomaly
70, 10.403, 198.593

Monochromacy



Original Color
70, 17.905, 155.805

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 6.622, 157.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.905, 155.805 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(144, 179, 157)` looks like.

```
.text, #text, p{  
    color:rgb(144, 179, 157)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(144, 179, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 179, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.905, 155.805 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(144, 179, 157) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(144, 179, 157) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(144, 179, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 179, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 179, 157);  
box-shadow:4px 4px 4px 4px rgb(144, 179,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.905, 155.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 179, 157) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(144,  
179, 157) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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